



## NOT RECOMMENDED FOR NEW DESIGN NOTICE

**SUBJECT:** Replacement consideration for **ERZ-V20Dxxx Series** (20mm dia. Radial Leaded Disc ZNR)  
with **ERZ-E14A Series** (14mm Radial Leaded Disc ZNR)

**BULLETIN #:** NRFND.PG33.1.25.13

**Date:** 1-25-2013



Existing ERZ-V20Dxxx



New ERZ-E14Axxx

- The recently introduced ERZ-E14 Series is a direct replacement for the existing ERZ-V20D diameter ZNR's
- The 14mm diameter ERZ-E14 has the same lead spacing and performance as the 20mm type.
- Voltages of 200V and higher can be readily replaced by the new ERZ-E14Axxx devices (specific part numbers below).
- Lower voltages, less than 200 volts, are neither crossed nor available in the new ERZ-E14 Series.
- The ERZ-V20D Series will remain available and there are no current plans for discontinuation.
- Samples are available upon request
- UL recognition documentation is available upon request.

### FEATURES:

- Improvement of Maximum Peak Current.
- Smaller diameter package with same lead spacing of ERZ-V20D.
- Safety agency recognized.



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**EFFECTIVE DATE:**

- Immediate

**AFFECTED PARTS and/or REPLACEMENTS:**

- Voltage values from 200 ~ 1100 volts.

**DATASHEETS:**

ERZ-V20Dxxx – <http://industrial.panasonic.com/www-data/pdf/AWA0000/AWA0000CE2.pdf>

ERZ-E14Dxxx - <http://industrial.panasonic.com/www-data/pdf/AWA0000/AWA0000CE15.pdf>



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ERZ-V20D Series	ERZ-E14A Series	Varistor Voltages
ERZ-V20D180	n/a	18
ERZ-V20D220	n/a	22
ERZ-V20D270	n/a	27
ERZ-V20D330	n/a	33
ERZ-V20D390	n/a	39
ERZ-V20D470	n/a	47
ERZ-V20D560	n/a	56
ERZ-V20D680	n/a	68
ERZ-V20D820	n/a	82
ERZ-V20D101	n/a	100
ERZ-V20D121	n/a	120
ERZ-V20D151	n/a	150
ERZ-V20D201	ERZ-E14A201	200
ERZ-V20D221	ERZ-E14A221	220
ERZ-V20D241	ERZ-E14A241	240
ERZ-V20D271	ERZ-E14A271	270
ERZ-V20D331	ERZ-E14A331	330
ERZ-V20D361	ERZ-E14A361	360
ERZ-V20D391	ERZ-E14A391	390
ERZ-V20D431	ERZ-E14A431	430
ERZ-V20D471	ERZ-E14A471	470
ERZ-V20D511	ERZ-E14A511	510
ERZ-V20D561	ERZ-E14A561	560
ERZ-V20D621	ERZ-E14A621	620
ERZ-V20D681	ERZ-E14A681	680
ERZ-V20D751	ERZ-E14A751	750
ERZ-V20D821	ERZ-E14A821	820
ERZ-V20D911	ERZ-E14A911	910
ERZ-V20D102	ERZ-E14A102	1000
ERZ-V20D112	ERZ-E14A112	1100
ERZ-V20D182	n/a	1800